

The effect of zinc oxide nano- and microparticles and zinc ions on freshwater organisms of different trophic levels

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Abstract

Data on the effects of various forms of zinc compounds on the biological parameters of freshwater animals (*Ceriodaphnia affinis* Lilljeborg, 1862; *Chironomus riparius* Meigen, 1804; and *Brachydanio rerio* Hamilton-Buchanan, 1822) are presented. Crustacean *Ceriodaphnia affinis* is the most sensitive test object studied. © 2014 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S1995082914010155>

Keywords

ceriodaphnia, chironomids, nanoparticles, toxicity, zebrafish, zinc